



PATENT  
Docket No.: 201448/443

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant	:	Dennis Michael Connolly	)	Examiner:
			)	Stephanie K.
Serial No.	:	10/737,013	)	Mummert
			)	
Cnfrm. No.	:	5578	)	Art Unit:
			)	1637
Filed	:	December 16, 2003	)	
			)	
For	:	CHEMICALLY ASSEMBLED NANO- SCALE CIRCUIT ELEMENTS	)	
			)	

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**AMENDMENT**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the October 11, 2006 office action, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 1 of this paper.

**Remarks** begin on page 4 of this paper.

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

72. (original) A circuit comprising:
- at least one circuit element, the circuit element comprising at least one of a resistor, a diode, a capacitor, a transistor, and an inductor;
  - wherein the at least one circuit element comprises a nucleic acid template with two or more sequential regions which are coated with different materials that are at least partially conductive.